

AMENDMENTS TO SPECIFICATION

Please replace the Abstract starting on line 5 of page 27 with the following amended paragraph:

A microcontroller having a dual mode relax oscillator that is trimmable. In one embodiment, the present invention provides a relaxation oscillator circuit comprising two current sources for establishing a reference voltage for use in causing the relaxation oscillator circuit to operate in two power modes, and a control coupled to both current sources for switching between power modes. ~~In one embodiment, the first current source supplies a larger current than the second current source.~~ In one embodiment, one power mode is a low power mode for standard operation of the microcontroller and one power mode is a very low power mode for use in a sleep mode. In one embodiment, the relaxation oscillator circuit further comprises digitally trimmable components operable to control a current charging a capacitor of the relaxation oscillator circuit to account for process variation in the capacitor, wherein the current is for controlling a frequency of the microcontroller. ~~In one embodiment, the present invention provides a method for generating a clock signal. A switched current source corresponding to a present power mode is selected by switching between the first current source and the second current source. A reference voltage is generated based on the switched current source. In response to the reference voltage, the relaxation oscillator circuit generates a clock signal.~~